

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

10/518,902

Filing Date:

December 23, 2004

Applicant:

Andreas FUCHS

Group Art Unit:

2838

Examiner:

Unassigned

Title:

CIRCUIT ARRANGEMENT WITH A VOLTAGE LINK

**CONVERTER** 

Attorney Docket:

32860-000821/US

Customer Service Window Randolph Building 401 Dulany Street Alexandria, VA 22314 Mail Stop Amendment January 4, 2006

# INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

## I. <u>LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION</u>

The patents, publications and other information submitted for consideration by the Office (except unpublished U.S. patent applications) are listed on Form PTO-1449 attached hereto.

#### II. COPIES

A. Submitted herewith is a legible copy of (i) each foreign patent; (ii) each
publication or that portion which caused it to be listed, other than U.S. patents and U.S.
patent application publications unless required by the Office; (iii) for each cited
pending unpublished U.S. application listed below in Section IV, the application
specification including the claims, and any drawing of the application, or that portion of
the application which caused it to be listed including any claims directed to that portion;
and (iv) all other information or that portion which caused it to be listed.

B. Any patents, publications or other information which are listed on Form PTO-1449 or on the copies of Form PTO-892, but which are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

#### U.S. Serial Number

III.

#### U.S. Filing Date

C. Because the present application was/is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form PTO-1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form PTO-1449 are enclosed herewith.
D. This is a PCT application in the entry of the National Phase in the United States. A copy of the International Search Report is attached for the Examiner's information. The documents listed on the International Search Report are listed on the attached Form PTO-1449 for consideration by the Examiner and for listing on any patent resulting from this application. Since the International Search Report was from the US, EPO, or JPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above-identified application. (MPEP 1893.03(g))
CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)
A. $\boxtimes$ Except as may be indicated below in (B), all of the patents, publications or other information are in the English language (concise explanation not required).
B. \(\sum A\) concise explanation of the relevance of each patent, publication or other information listed that is not in the English language is as follows (see 37 C.F.R. \(\frac{1}{2}\) 1.98(a)(3)):
<ol> <li>See the attached foreign patent office communication from a counterpart foreign application:</li> <li>English language abstract is provided for: DE 19833490.</li> <li>Other: US 4,005,350 corresponds with DE 23 49 161 A1. The enclosed PCT Search Report indicates the degree of relevance found by the PCT Office.</li> </ol>
C. Main The following additional information is provided for the Examiner's consideration.

Please note that the Applicants previously cited some of the attached references, in their Information Disclosure Statement filed with the original application papers on December 23, 2004; however, because the Applicants did not originally provide copies (since it is a PCT National Stage Application), the Applicants are again citing and filing these documents, as well as others, for the Examiner's consideration.

## IV. CROSS REFERENCE TO RELATED APPLICATION(S)

A. The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this(these)

application(s) to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. § 122.

Serial No.

Filing Date

Art Unit

V.	THIS I	DS IS	BEING	FILED	<b>UNDER</b>
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C. 37 C.F.R. § 1.97(d):

A. 🛭 3	37 C.F.R. § 1.97(b): (check <u>only</u> one box)					
	1. within three months of the filing date of a national application other that continued prosecution application under 37 C.F.R. § 1.53(d) (37 C.F. § 1.97(b)(1)). No fee or certification is required.					
	2. within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or certification is required.					
	3. before the mailing of a first Office Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below; or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).					
	4. Defore the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No fee or certification is required.					
B. 37	7 C.F.R. § 1.97(c): (check <u>only</u> one box)					
	before the mailing date of either any Final Office Action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution.					
	1. No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).					
	2. See the certification below. No fee is required.					

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	or a Notice of Allowance under 37 C.F.R. § 1.113 or the issue fee.
	1. See the certification below. A fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).
VI.	CERTIFICATION UNDER 37 C.F.R. § 1.97(e): (check only one box)
	The undersigned hereby certifies that:
	A. accommunication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(1)). See further statement under 37 C.F.R. § 1.704(d) below in section VII, if applicable; or
	B.  no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(2)).
	C. Some of the items of information were first cited in a communication from a foreign patent office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS.
VII.	STATEMENT UNDER 37 C.F.R. § 1.704(d)
	The undersigned hereby states that:
foreign any ind IDS.	each item of information contained in this IDS was cited in a communication from a patent office in a counterpart application and this communication was not received by dividual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this

VIII.	<u>PAYM</u>	ENT O	F FEES (check only	one box	)
	A. 🛛 1	No fee i	s believed to be due.		
	В. 🗌 А	A check	in the amount of \$18	0.00 is	enclosed for the above-identified fee.
	C. The above-i	lease o	charge Deposit Account de la fee. A duplicate co	nt No. ( py of th	08-0750 in the amount of \$180.00 for the is paper is attached.
or whi	sion that ich woul ry skill	they co ld rend in the	nstitute statutory prior er the same obvious,	art, cor either s Inform	in the interest of candor and without any stain matter which anticipates the invention, singly or in combination, to a person of mation Disclosure Statement shall not be made.
	ted to co	nsider		oper rul	filed under the wrong rule, the PTO is e (with a petition if necessary) and charge ).
§§ 1.1			any additional fees oposit Account No. 08-		any overpayment pursuant to 37 C.F.R.
				Respec	ctfully submitted,
				HARN	IESS, DICKEY, & PIERCE, P.L.C.
				Ву	Ray Heflin, Reg. No. 41,060  P.O. Box 8910 Reston, Virginia 20195 (703) 668-8000
DJD/H	IRH:lmg				
Enclos	ures:		Form PTO-1449(s) (1 Documents Foreign Search Report Fee Other:	·	))



PTO/SB/08a (05-03) Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE at of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Under the Paperwork

**Application Number** 

Substitute for form 1449A/PTO

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

Filing Date 23/.2004 First Named Inventor Dr. Andreas Fuchs Art Unit **Examiner Name** nassigaeo

10/518,902

Attorney Docket Number

			U.S. PATENT I		
Examiner Initials *	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	No.1	Number - Kind Code <sup>2</sup> (if known)			
	1	US-4,005,350	25-01-1977	BBC Brwon Bovery & Company Ltd.	
	1	US-			
		US-			
	1	US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
Initials*		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				T <sup>6</sup>
	2	DE 198 33 490 A1	27-01- 2000	Siemens AG		х
	3	WO 01/71900 A2	27-09- 2001	Baldor Electric Company		
	4	DE 23 49 161 A1	10-04- 1975	Brown, Boveri & Cie AG		
	5	DE 29 06 556 C2	28-08- 1980	Licentia Patent- Verwaltungs- GmbH		

Examiner Signature	Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to

place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to